

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014958.D
 Acq On : 04 May 2018 00:28
 Operator : SJ/JU
 Sample : J2554-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 04 05:57:00 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 04 05:51:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	400128	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1603019	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	784566	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1555651	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1543270	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1698085	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	33732	3.68	ng/uL	0.00
5) Phenol-d5	7.62	99	622278	20.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.79	67	436050	21.98	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	525981	20.33	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	431415	17.49	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	233829	20.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	237483	20.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	431291	18.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	561014	24.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1214030	19.82	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1454218	19.23	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	171335	15.07	ng/ul	0.00
57) Fluorene-d10	16.07	176	1029027	19.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	113953	13.54	ng/ul	0.00
70) Anthracene-d10	17.91	188	1462567	20.17	ng/ul	0.00
76) Pyrene-d10	20.15	212	1531996	20.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	1820065	21.82	ng/ul	0.00

Target Compounds

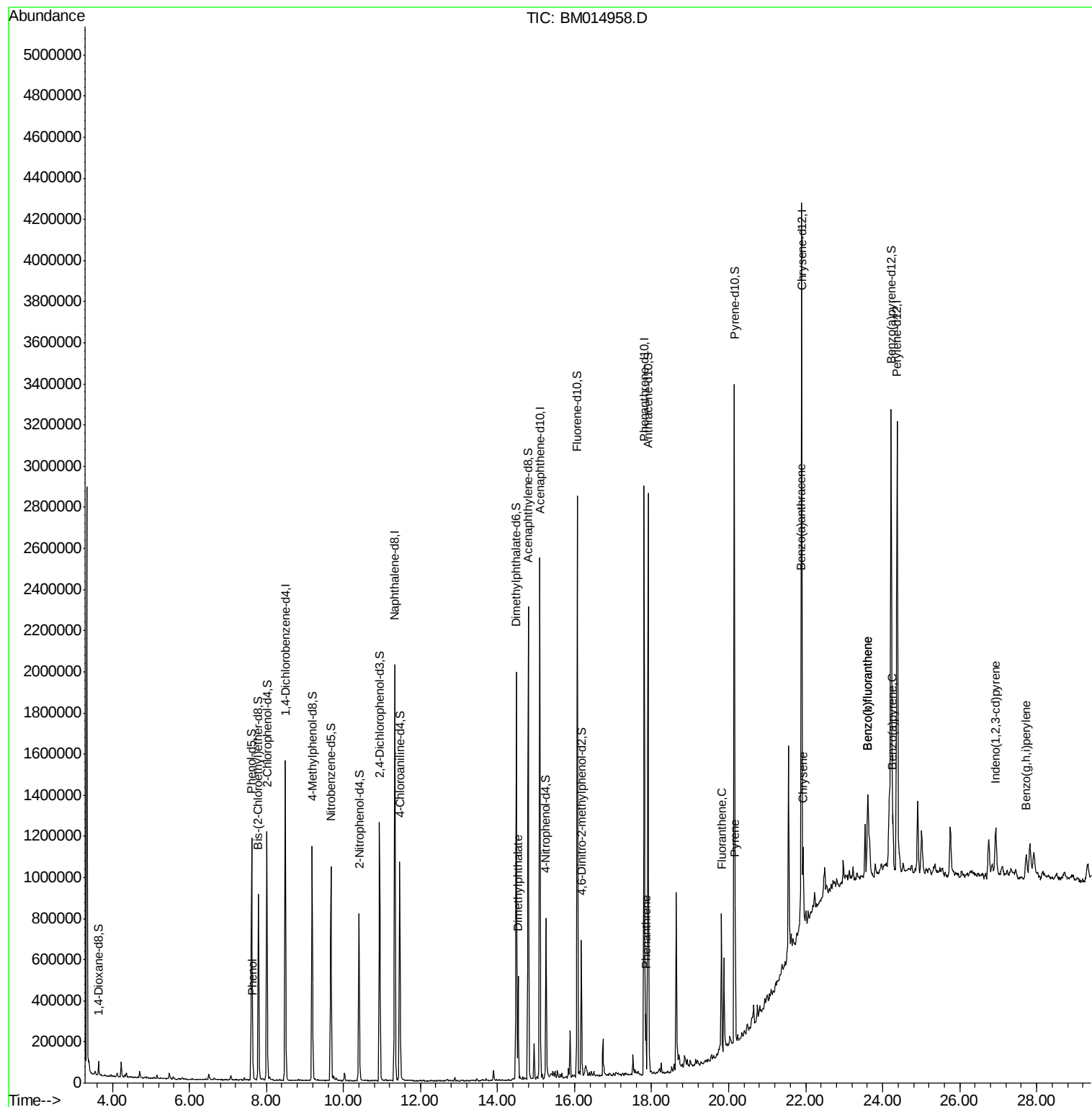
				Ovalue	
6) Phenol	7.65	94	44299	1.456	ng/ul# 85
44) Dimethylphthalate	14.53	163	280337	4.735	ng/ul 99
69) Phenanthrene	17.85	178	156586	1.874	ng/ul 97
74) Fluoranthene	19.82	202	386144	4.239	ng/ul# 83
77) Pyrene	20.17	202	339272	3.763	ng/ul# 76
80) Benzo(a)anthracene	21.88	228	196626	2.179	ng/ul 97
82) Chrysene	21.94	228	195078	2.309	ng/ul 98
85) Benzo(b)fluoranthene	23.62	252	291526	2.912	ng/ul# 93
86) Benzo(k)fluoranthene	23.62	252	291526	3.029	ng/ul# 91
88) Benzo(a)pyrene	24.27	252	206736	2.177	ng/ul# 90
89) Indeno(1,2,3-cd)pyrene	26.93	276	157491	1.371	ng/ul# 88
91) Benzo(g,h,i)perylene	27.73	276	152107	1.610	ng/ul# 86

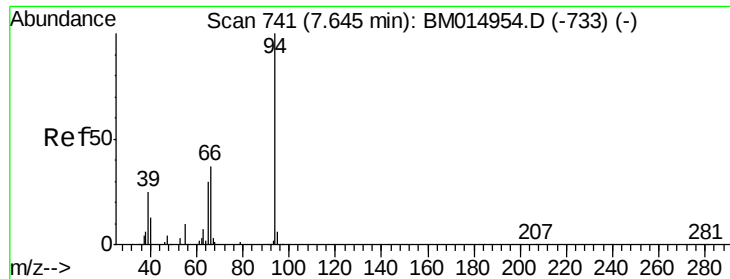
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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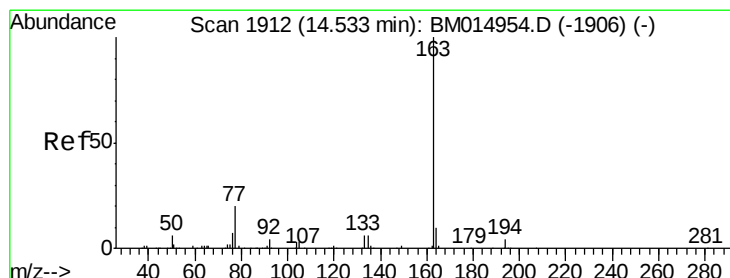
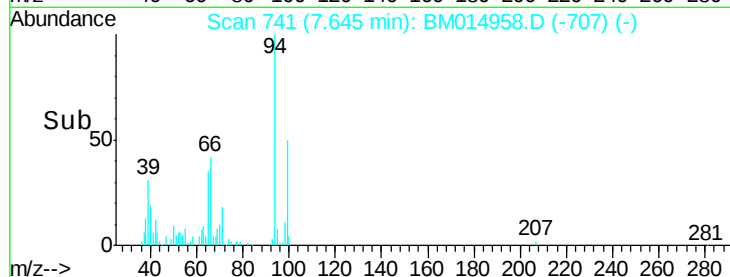
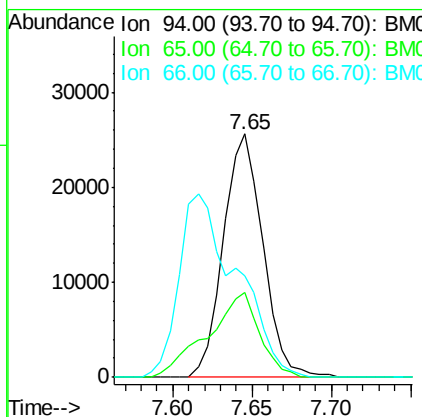
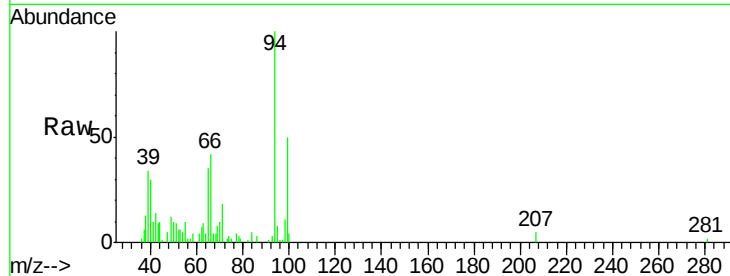
#6

Phenol

Concen: 1.456 ng/ul
 RT: 7.65 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BM014958.D
 Acq: 04 May 2018 00:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 44299
 Ion Ratio Lower Upper
 94 100
 65 34.8 28.2 42.4
 66 41.6 47.2 70.8#

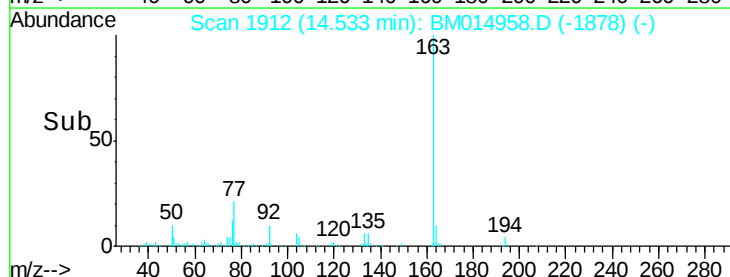
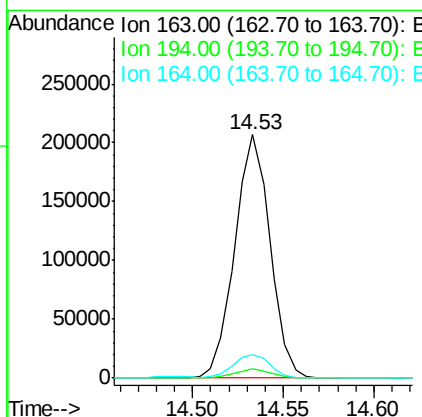
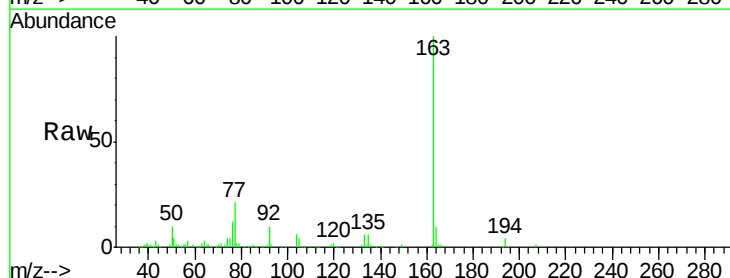


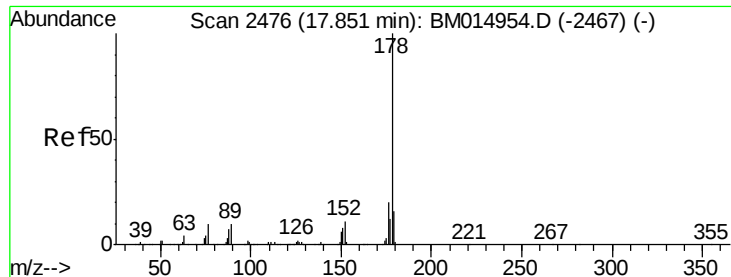
#44

Dimethylphthalate

Concen: 4.735 ng/ul
 RT: 14.53 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM014958.D
 Acq: 04 May 2018 00:28

Tgt Ion: 163 Resp: 280337
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.5 5.3
 164 9.8 8.2 12.4





#69

Phenanthrene

Concen: 1.874 ng/ul

RT: 17.85 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BM014958.D

Acq: 04 May 2018 00:28

Instrument :

BNA_M

ClientSampled :

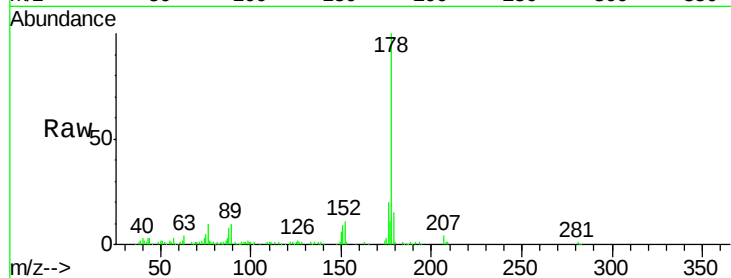
Tot Ion:178 Resp: 156586

Ion Ratio Lower Upper

178 100

179 14.8 12.6 19.0

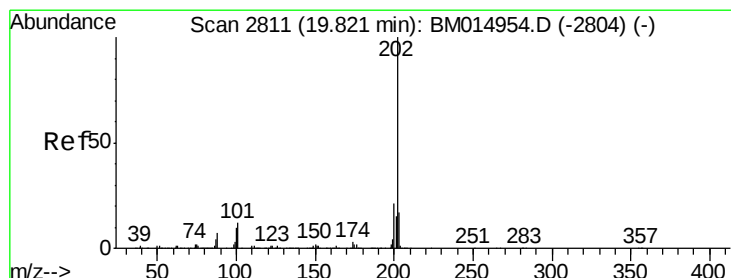
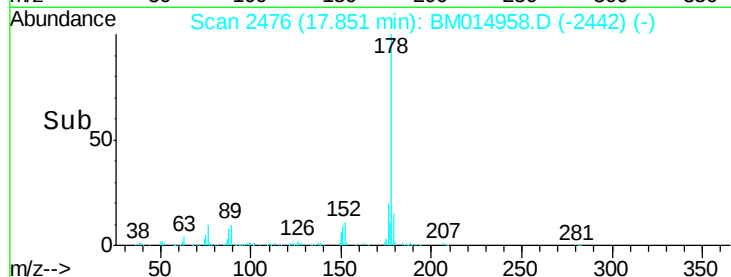
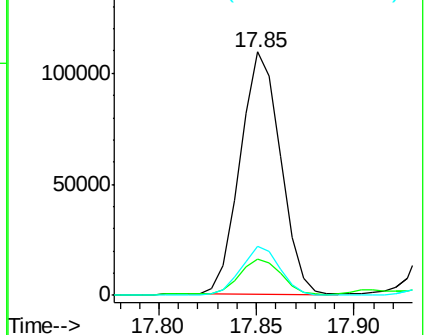
176 20.1 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 4.239 ng/ul

RT: 19.82 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BM014958.D

Acq: 04 May 2018 00:28

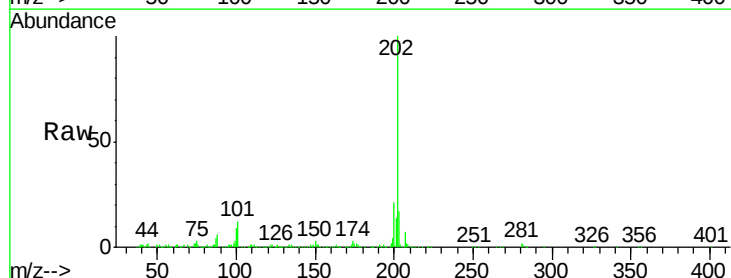
Tgt Ion:202 Resp: 386144

Ion Ratio Lower Upper

202 100

101 12.4 4.6 7.0#

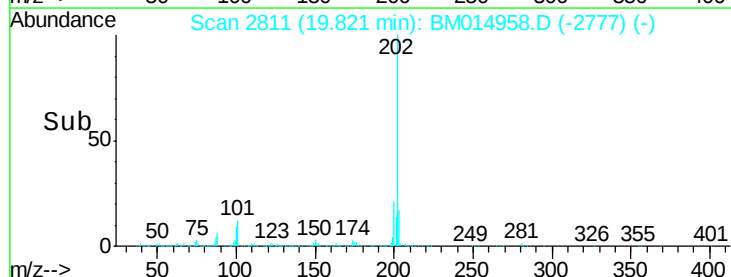
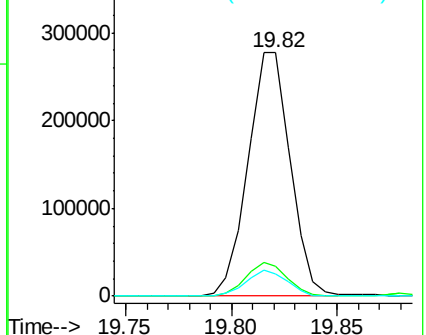
100 9.0 3.4 5.2#

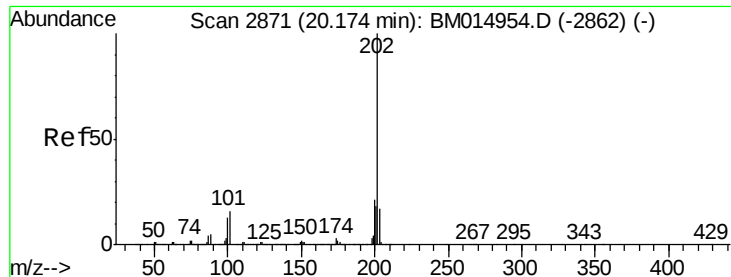


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 3.763 ng/ul

RT: 20.17 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BM014958.D

Acq: 04 May 2018 00:28

Instrument :

BNA_M

ClientSampleId :

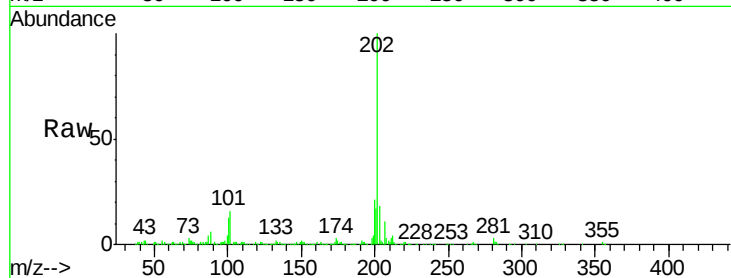
Tot Ion:202 Resp: 339272

Ion Ratio Lower Upper

202 100

101 15.8 5.1 7.7#

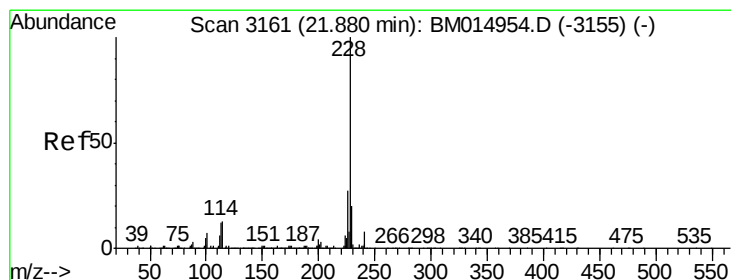
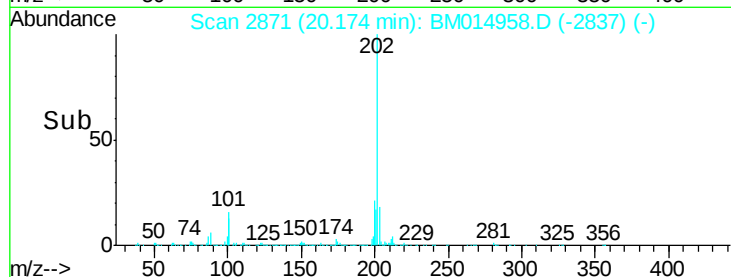
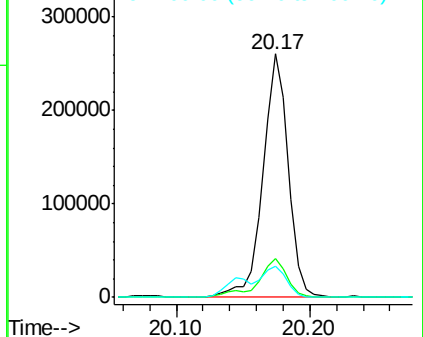
100 12.8 4.9 7.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 2.179 ng/ul

RT: 21.88 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BM014958.D

Acq: 04 May 2018 00:28

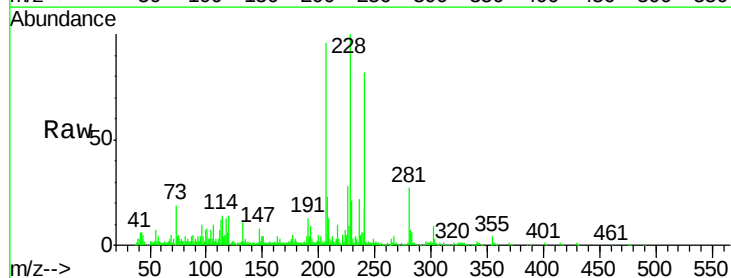
Tgt Ion:228 Resp: 196626

Ion Ratio Lower Upper

228 100

229 20.8 15.4 23.0

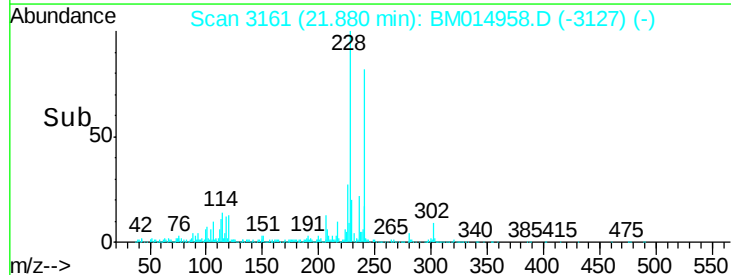
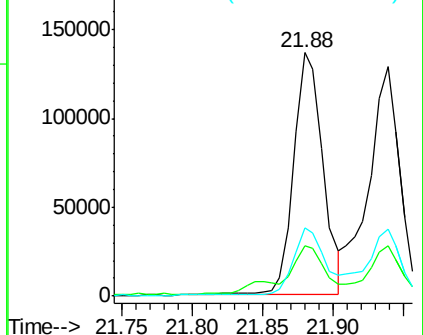
226 27.9 21.4 32.0

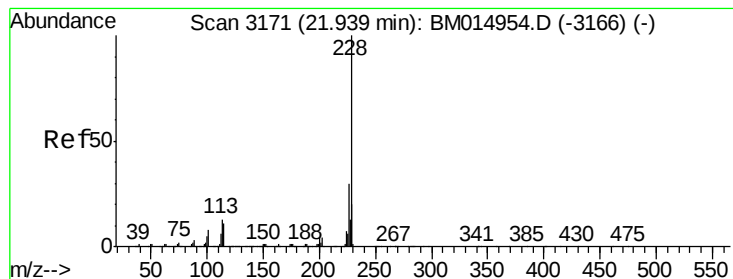


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.309 ng/ul

RT: 21.94 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BM014958.D

Acq: 04 May 2018 00:28

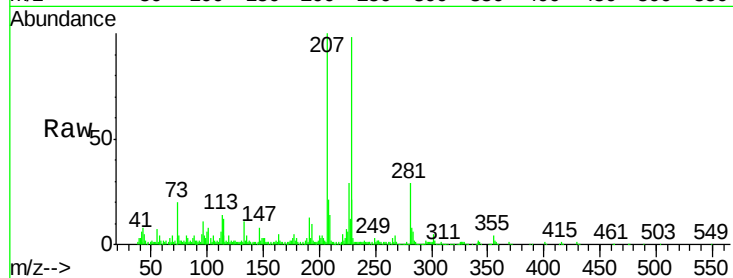
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 195078

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	21.9	15.5	23.3

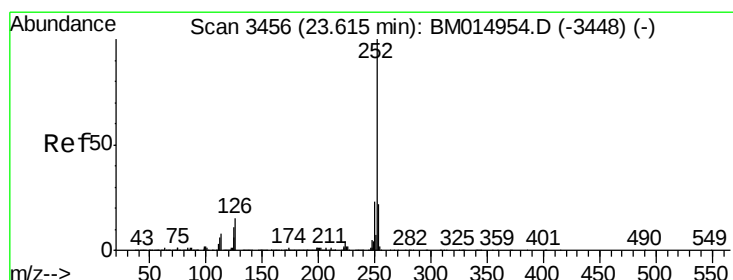
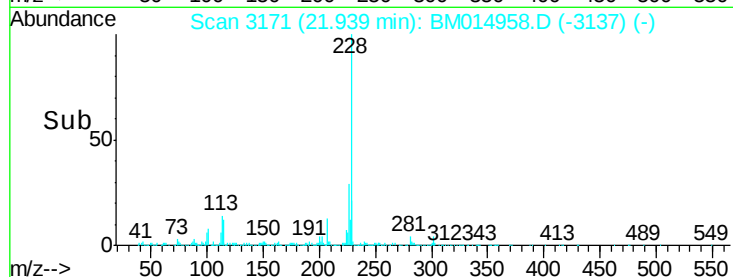
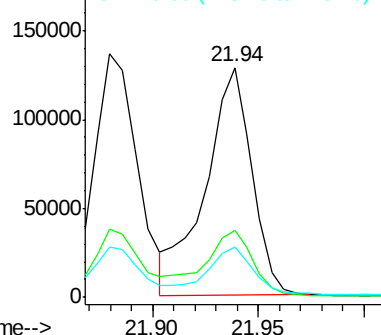


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 2.912 ng/ul

RT: 23.62 min Scan# 3457

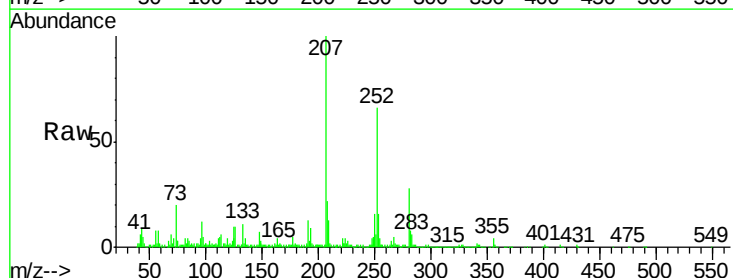
Delta R.T. 0.01 min

Lab File: BM014958.D

Acq: 04 May 2018 00:28

Tgt Ion:252 Resp: 291526

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	15.2	3.6	5.4

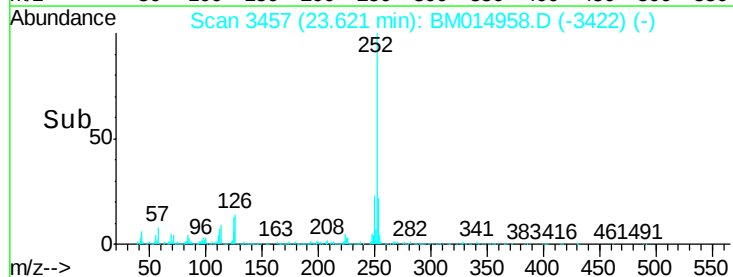
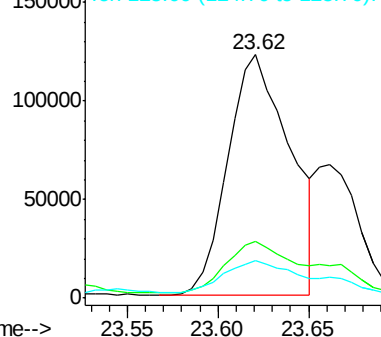


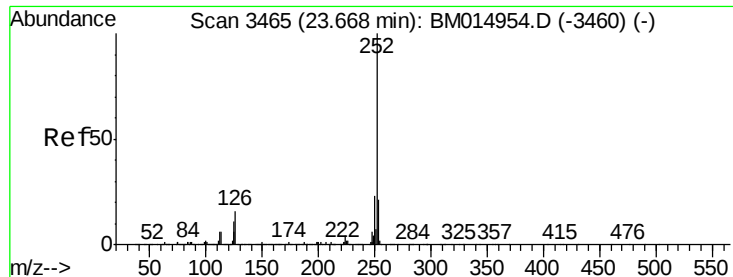
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 3.029 ng/ul

RT: 23.62 min Scan# 3457

Delta R.T. -0.05 min

Lab File: BM014958.D

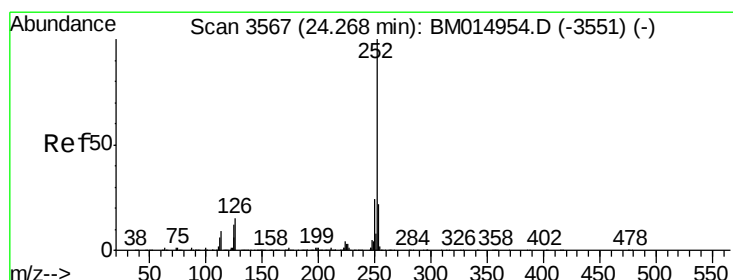
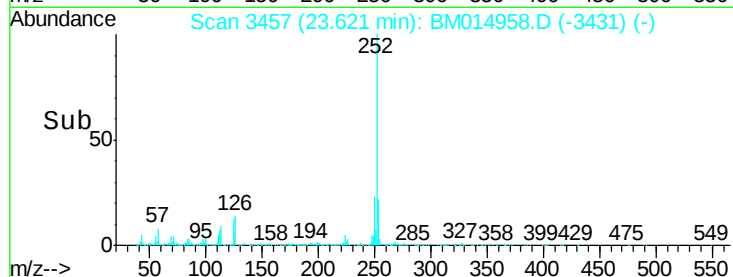
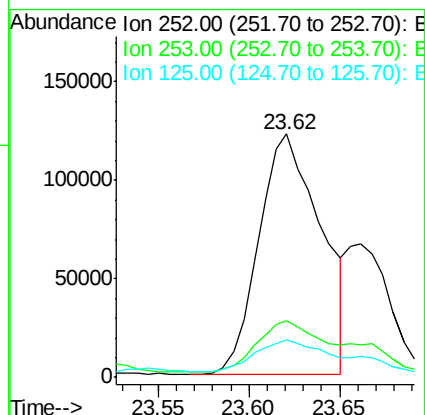
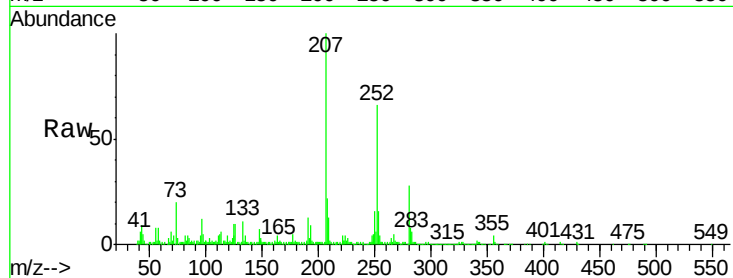
Acq: 04 May 2018 00:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	291526
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.1	25.7
125	15.2	3.4	5.2#



#88

Benzo(a)pyrene

Concen: 2.177 ng/ul

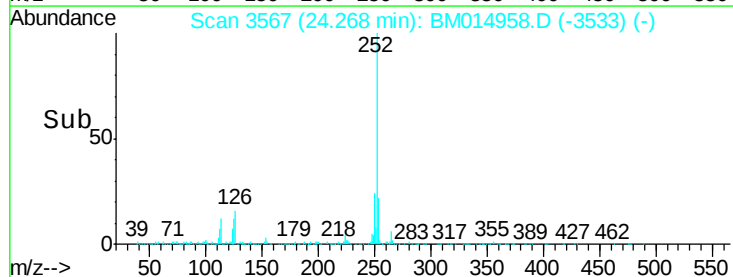
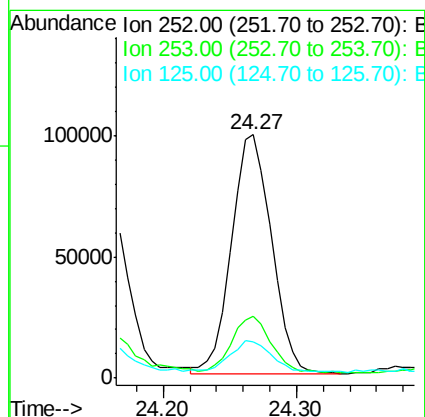
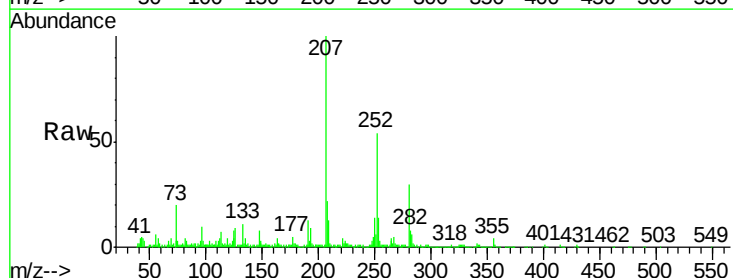
RT: 24.27 min Scan# 3567

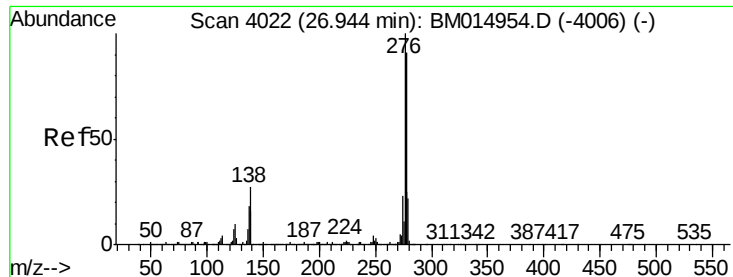
Delta R.T. -0.00 min

Lab File: BM014958.D

Acq: 04 May 2018 00:28

Tgt Ion:	252	Resp:	206736
Ion Ratio	Lower	Upper	
252	100		
253	25.5	18.2	27.2
125	15.0	4.0	6.0#

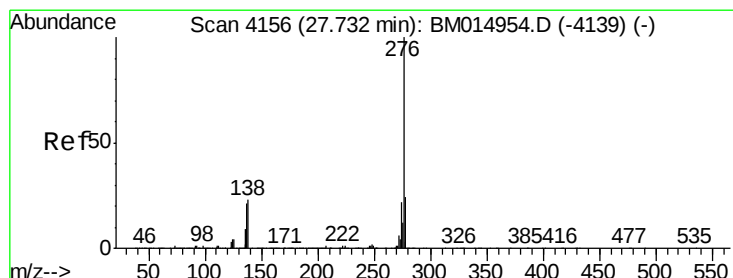
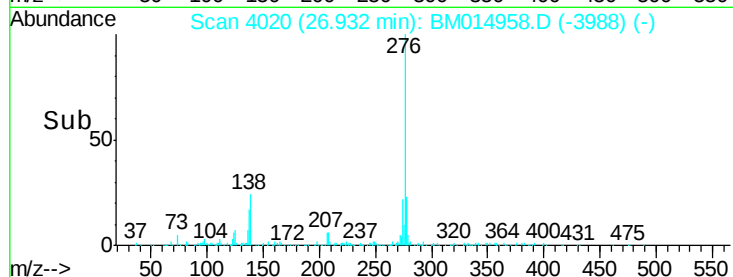
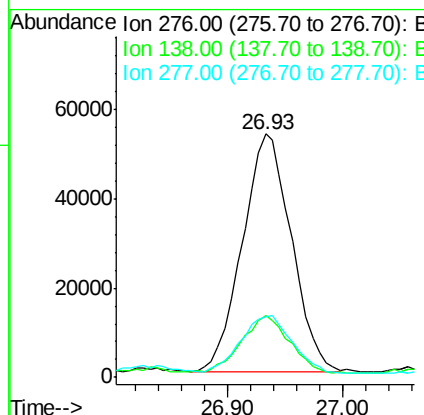
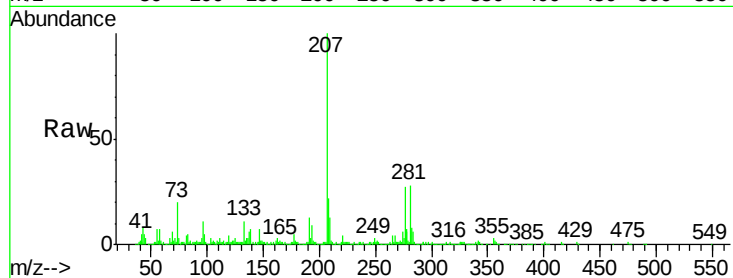




#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.371 ng/ul
 RT: 26.93 min Scan# 4020
 Delta R.T. -0.01 min
 Lab File: BM014958.D
 Acq: 04 May 2018 00:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	9.3	13.9#
277	25.0	19.9	29.9



#91
 Benzo(g,h,i)perylene
 Concen: 1.610 ng/ul
 RT: 27.73 min Scan# 4155
 Delta R.T. -0.01 min
 Lab File: BM014958.D
 Acq: 04 May 2018 00:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	8.5	12.7#
277	24.7	18.6	28.0

